

Converting Colors

CIELCh(100, 27.167, 6.089)

Have a look what the booklet for
CIELCh(100, 27.167, 6.089) contains.

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Color

CIELCh(95, 9.861, 333.291)

Conversions

Conversions Part 1

Format	Color
Hex	FEEBF9
RGB	254, 235, 249
RGB Percent	100%, 92%, 98%
CMY	0.0026, 0.0770, 0.0222
CMYK	0.00, 0.07, 0.02, 0.00
HSL	316°, 94%, 96%
HSV	316°, 7%, 100%
XYZ	87.9636, 87.6183, 102.1843
YIQ	242.2770, 6.8300, 8.3820

Conversions

Conversions Part 2

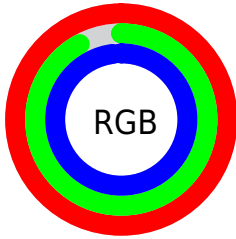
Format	Color
RYB	254, 235, 249
Decimal	16706553
CIELab	95.00, 8.81, -4.43
CIELCh	95, 9.861, 333.291
Yxy	87.6183, 0.3167, 0.3154
Android (android.graphics.Color)	4294896633 (0xFFFEEBF9)
YUV	242.2770, 3.3144, 10.2811
Hunter-Lab	93.6047, 3.9346, 0.7988

Details

The CIELCh color `95, 9.861, 333.291` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 9.818, 152.371`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 10.109, 331.862` is the 20% darker color. If you saturate the color by 10%, you get `89, 23.212, 334.007`, and if you desaturate by 10%, it is `100, 0.226, 202.320`.

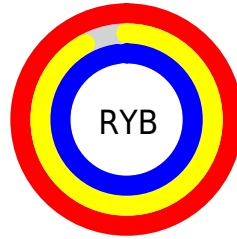
Distribution



Red (100%)

Green (92%)

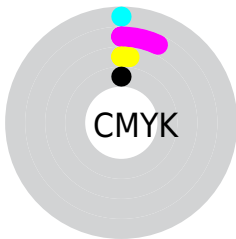
Blue (98%)



Red (100%)

Yellow (92%)

Blue (98%)

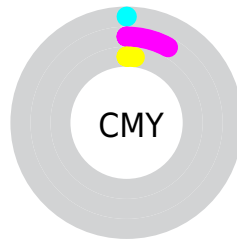


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.861, 333.291 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 95, 9.861, 333.291 by changing the saturation by 10% instead.

 95, 9.861, 333.291

 95, 9.861, 333.291

 100, 9.861,
333.291

 85, 9.861, 333.291

 75, 9.861, 333.291

 65, 9.861, 333.291

 55, 9.861, 333.291

 45, 9.861, 333.291

 35, 9.861, 333.291

 25, 9.861, 333.291

 15, 9.861, 333.291

 5, 9.861, 333.291

95, 9.861, 333.291

95, 9.861, 333.291

89, 23.212,
334.007

100, 0.226,
202.320

83, 36.572,
334.743

77, 49.649,
335.518

72, 62.030,
336.343

67, 73.172,
337.234

63, 82.438,
338.217

60, 89.211,
339.332

58, 93.074,
340.637

■ 57, 94.059,
342.193

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95, 9.861, 333.291



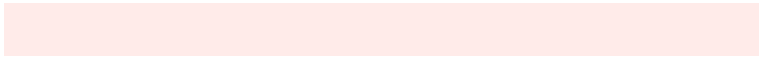
98, 9.818, 152.371

Rectangle

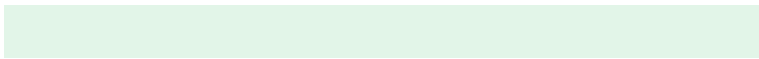
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 9.861, 333.291



95, 9.861, 23.291



95, 9.861, 153.291



95, 9.861, 203.291

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



95, 9.858, 333.293



99, 2.640, 332.822



94, 9.949, 300.389



53, 1.501, 332.808



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

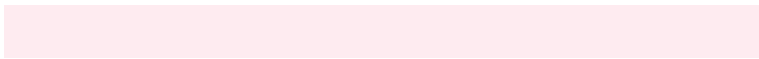
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 9.858, 333.293



94, 11.925, 333.404



95, 7.219, 0.146



50, 7.536, 333.440



43, 76.150, 342.300



11, 35.820, 340.176

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



95, 9.858, 333.293



94, 11.925, 333.404



98, 7.034, 178.916



50, 7.536, 333.440



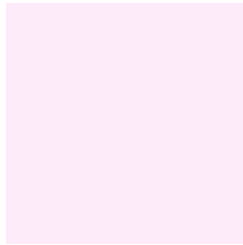
43, 76.150, 342.300



11, 35.820, 340.176

Previews

White Background



This preview shows how the CIELCh color 95, 9.861, 333.291 looks on a white background.

Color Contrast Check

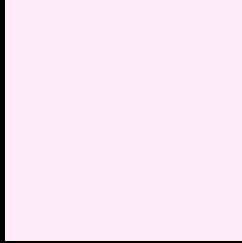
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 9.861, 333.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

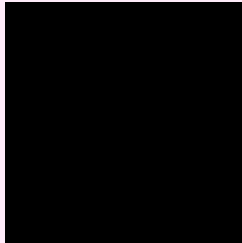
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

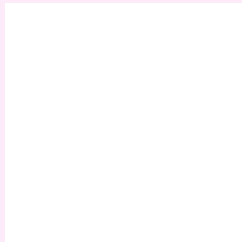
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 9.861, 333.291

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.861, 333.291.



This preview shows how white text looks on a background with the CIELCh color 95, 9.861, 333.291.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95, 9.869, 333.293

Protanopia

95, 6.784, 299.511

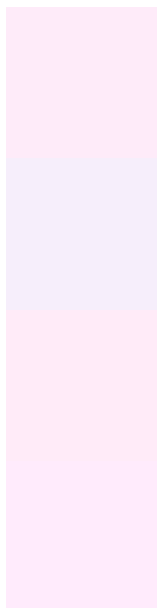
Deuteranopia

95, 9.417, 339.180



Tritanopia
95, 11.655, 327.699

Trichromacy



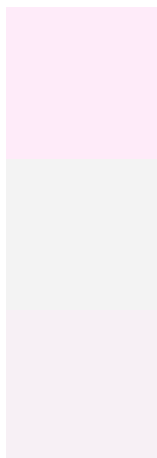
Original Color
95, 9.869, 333.293

Protanomaly
95, 7.280, 313.184

Deuteranomaly
95, 9.757, 336.903

Tritanomaly
95, 11.254, 329.283

Monochromacy



Original Color
95, 9.869, 333.293

Achromatopsia
96, 0.011, 296.813

Achromatomaly
95, 3.586, 333.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.861, 333.291 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 235, 249)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 249)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 235, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.861, 333.291 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 235, 249) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(254, 235, 249) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(254, 235, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 249);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.861, 333.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 235, 249) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
235, 249) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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